

NSTS 21187
ICA

DESCRIPTION OF CHANGES TO

ORBITER CREW COMPARTMENT
INTERFACE CONTROL ANNEX

CELL CULTURE MODULE-A

CHANGE NO.	DESCRIPTION/AUTHORITY	DATE	PAGES AFFECTED
--	Basic issue/A21187-ICA-0001	01/03/96	All
REV A	General revision/A21187-ICA-0002	07/30/96	All
1	Update section 2/A21187-ICA-0003	10/24/96	2
2	Update section 2/A21187-ICA-0004	11/05/96	2

Note: Dates reflect latest signature date of CR's received by PILS.

Changes are indicated by "*****" at the beginning of the paragraph.

2. PAYLOAD UNIQUE EXCEEDANCES, WAIVERS, DEVIATIONS TO MIDDECK IDD

The payload will meet all requirements as defined in Section 1 above for the Shuttle/Payload Interface Definition Document for Middeck Accommodations, NSTS-21000-IDD-MDK. To support payload review and acceptance, the customer may be required to submit test data for Electromagnetic Compatibility (EMC), Thermal, Acoustic, and Structures. If test data is required, the data will be available to Lyndon B. Johnson Space Center (JSC) for review no later than Launch minus 4 (L-4) months.

For payload hardware requiring stowage into a locker, the payload is willing to accept the loads transmitted to the hardware by the Orbiter through isolating foam material inside the stowage locker. (Reference NSTS-21000-IDD-MDK, Section 4).

The following are approved exceedances to the Middeck Interface Definition Document (IDD).

- a. Payload exceedance on Section 3.4.1-Payload Weight Exceedance-Standard Modular Stowage Locker, has been approved per CR A-21187-ICA-0001.
- b. Payload exceedance on Section 5.3-Discharge Exceedance-Payload Effluents, has been approved per CR A-21187-ICA-0001.
- c. Payload exceedance on Section 4.7.3-Payload Generated Acoustic Noise Exceedance, has been approved per CR A-21187-ICA-0001.
- d. Payload exceedance on Section 8.3.1-Payload Produced Conducted Noise Exceedance, has been approved per CR A-21187-ICA-0003.
- **** e. Payload exceedance on Section 8.4.1-Electrical Bonding, has been approved per CR A-21187-ICA-0004.

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